

ABSTRACT

There is disclosed a die (10) for forming a honeycomb body having a structure provided with groovy slits (2) on a front face thereof, the slits being formed by cell blocks (3) and back holes (4) on a back surface thereof, each hole being communicatively connected with the slit. The die (10) is made of cemented carbide having wear resistance. The cemented carbide is formed by compacting, followed by sintering at high temperature, metal carbide powder of transition metal element series with an iron group metal binder having toughness. A connection area ratio of the back hole (4) and the cell block (3) is 35 to 65%. According to the die for forming a honeycomb body and the die jig for forming a honeycomb body using the same, wear resistance of the die or the die jig can be enhanced when the raw material containing the material having very high hardness such as SiC and the like is extruded as well as the defect in shape of an extruded body due to wear of the die can be overcome.